

FIG. 1

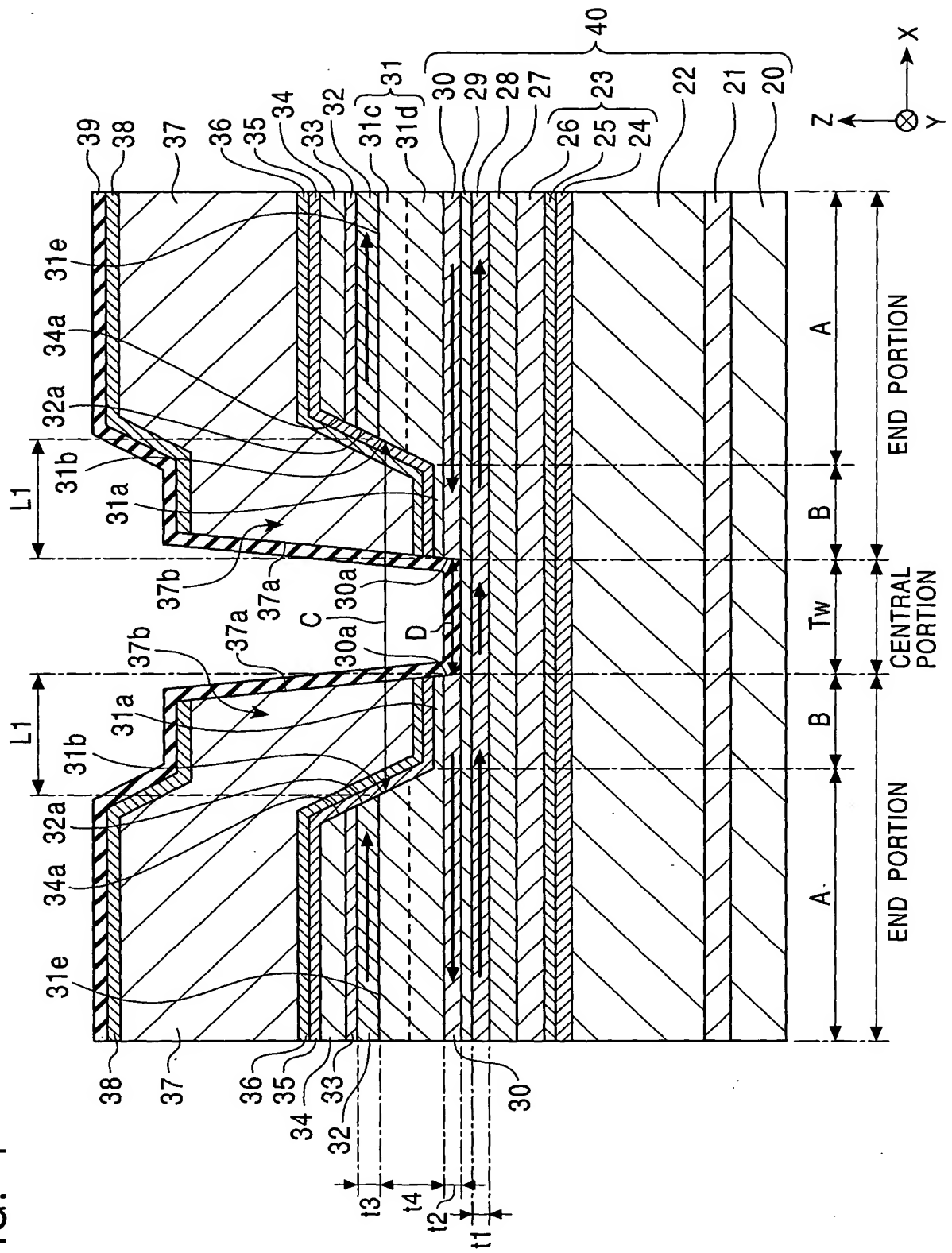


FIG. 2

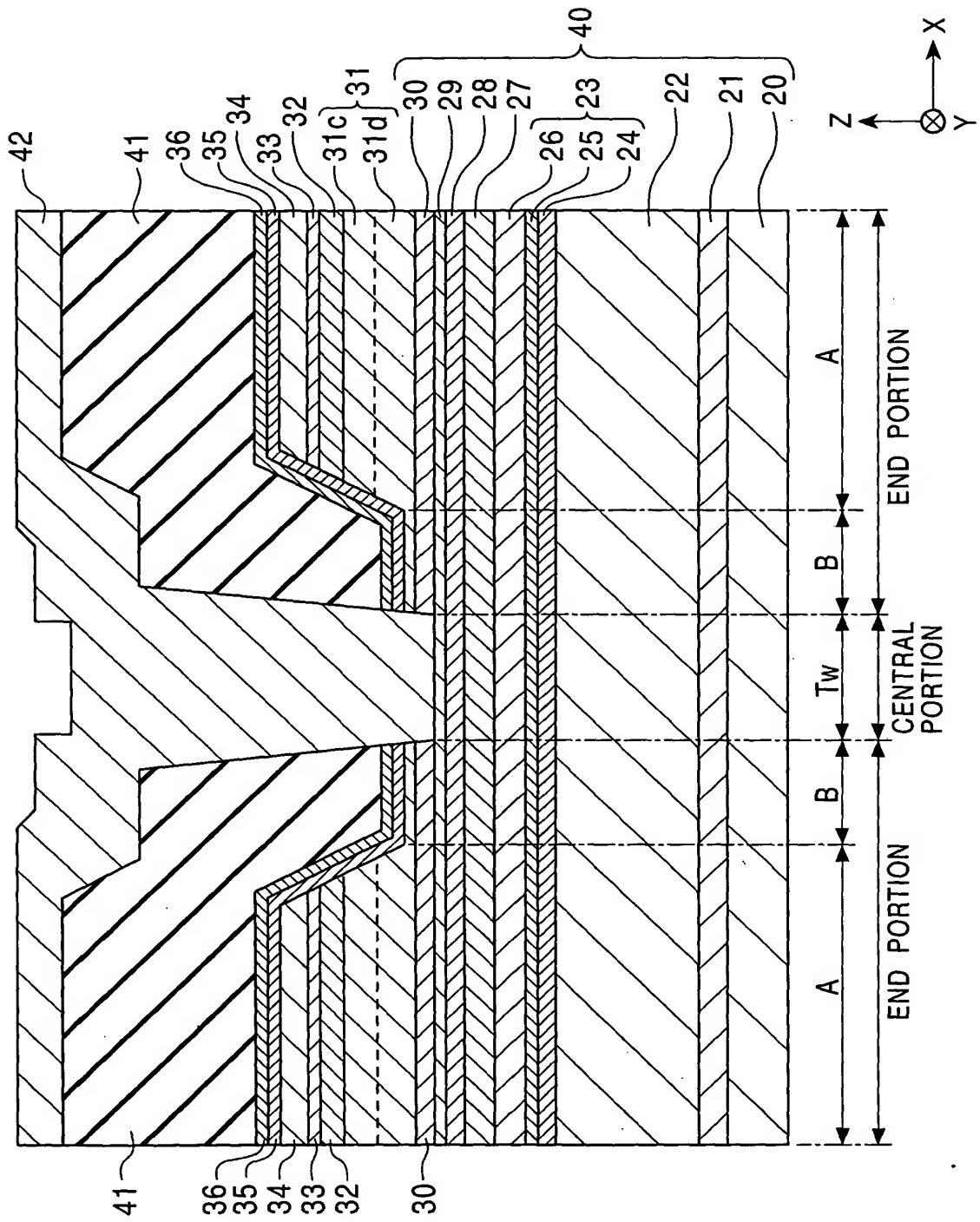


Fig. 1 is a cross-sectional view of a semiconductor device along the X-Z plane. The diagram illustrates various layers and structures, including a central portion and two end portions. Key components and dimensions are labeled:

- Layers and Structures:** 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31c, 31d, 31a, 31b, 36, 37, 38, 39.
- Dimensions:** A, B, Tw, t1, t2, t5, t6.
- Regions:** END PORTION, CENTRAL PORTION.
- Coordinate System:** X, Y, Z.

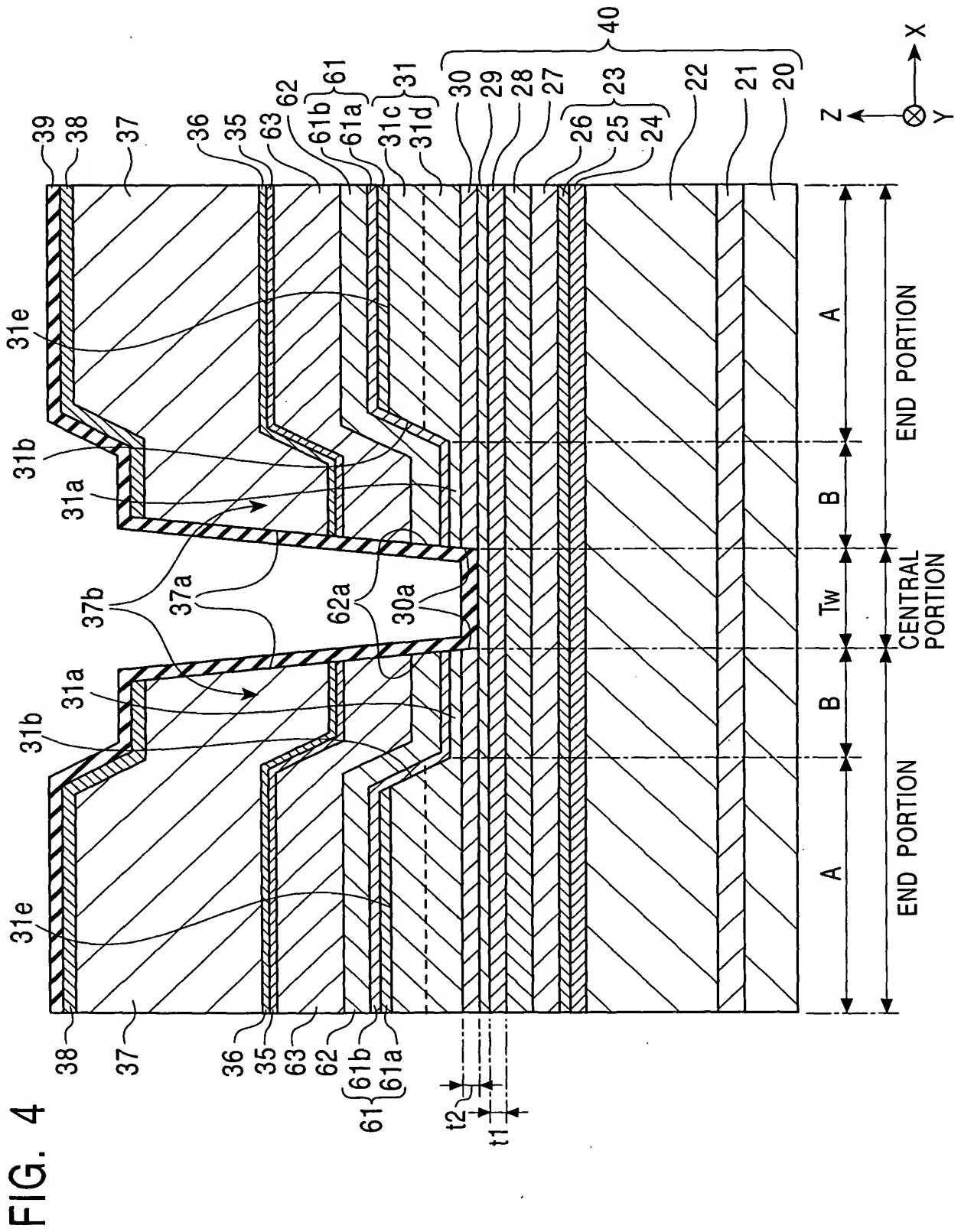


FIG. 5

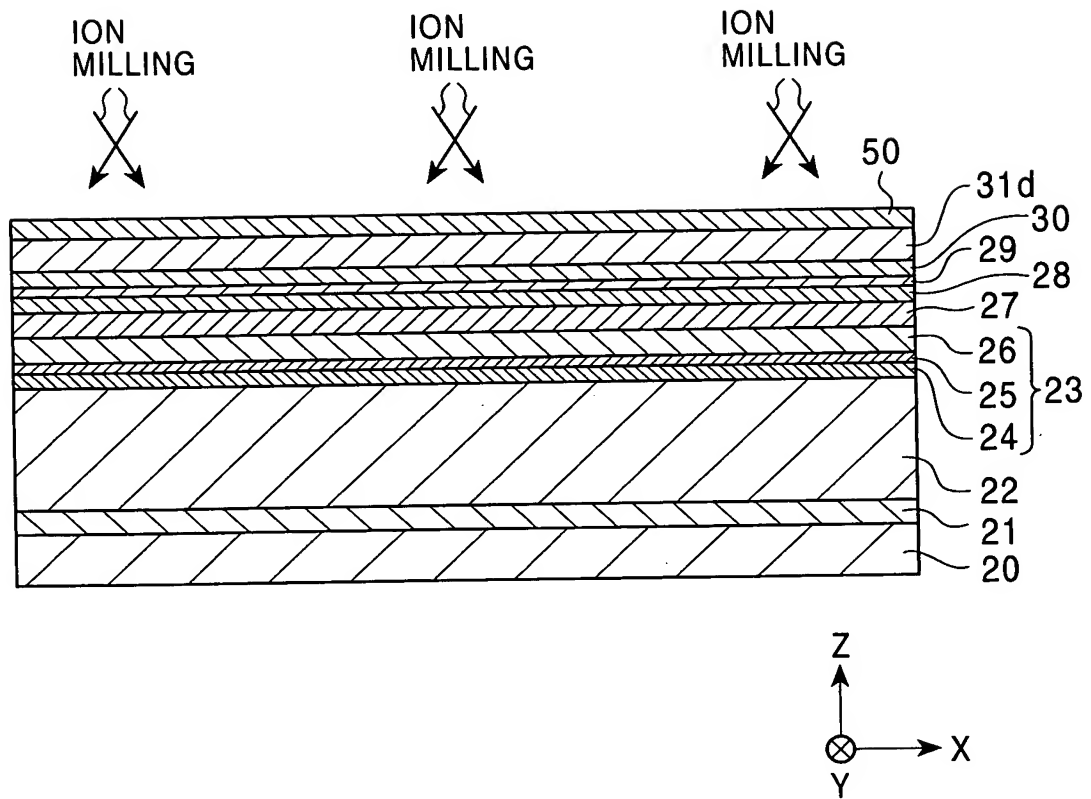
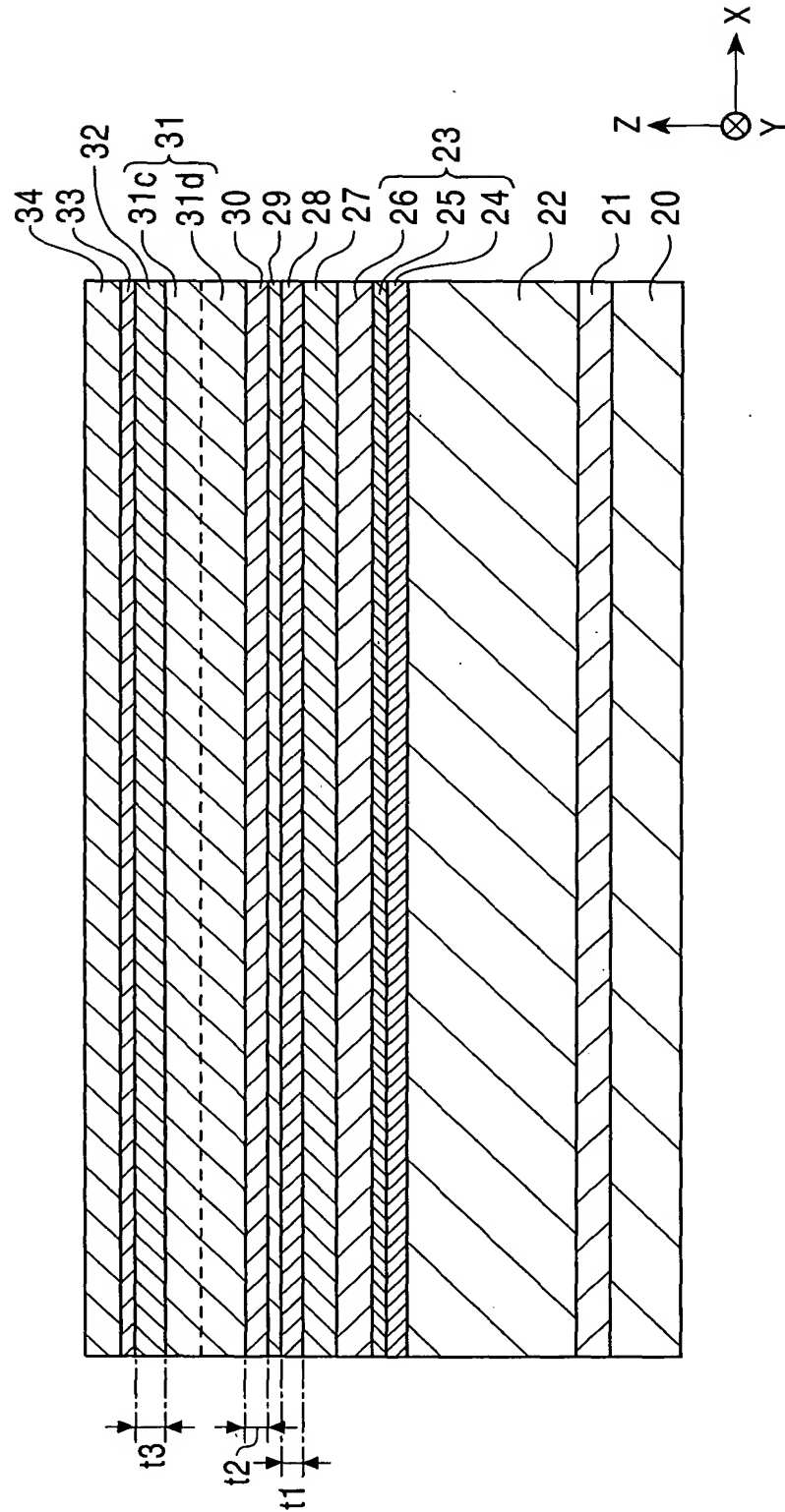


FIG. 6



[illegible]

FIG. 8

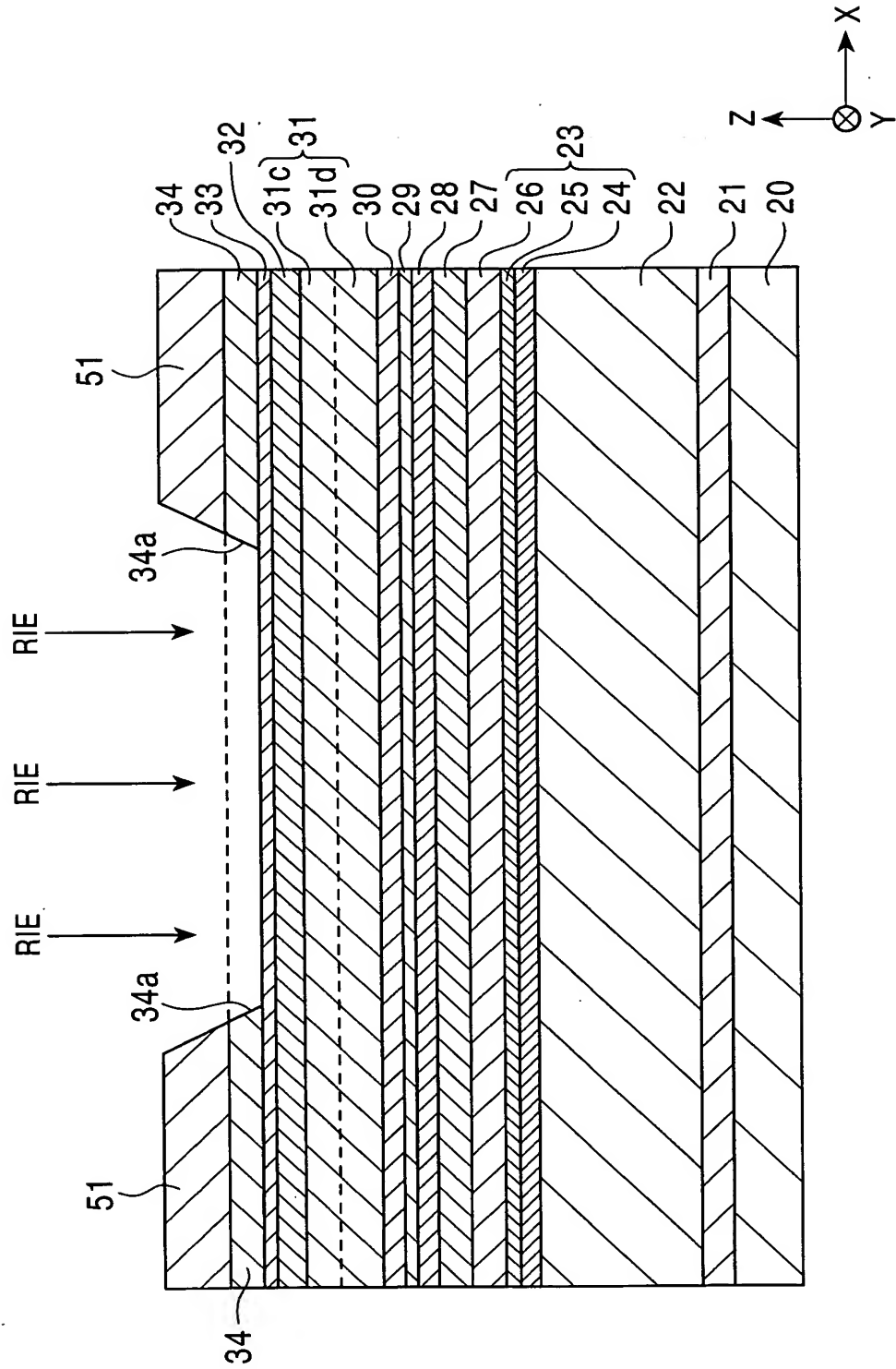


Fig. 9

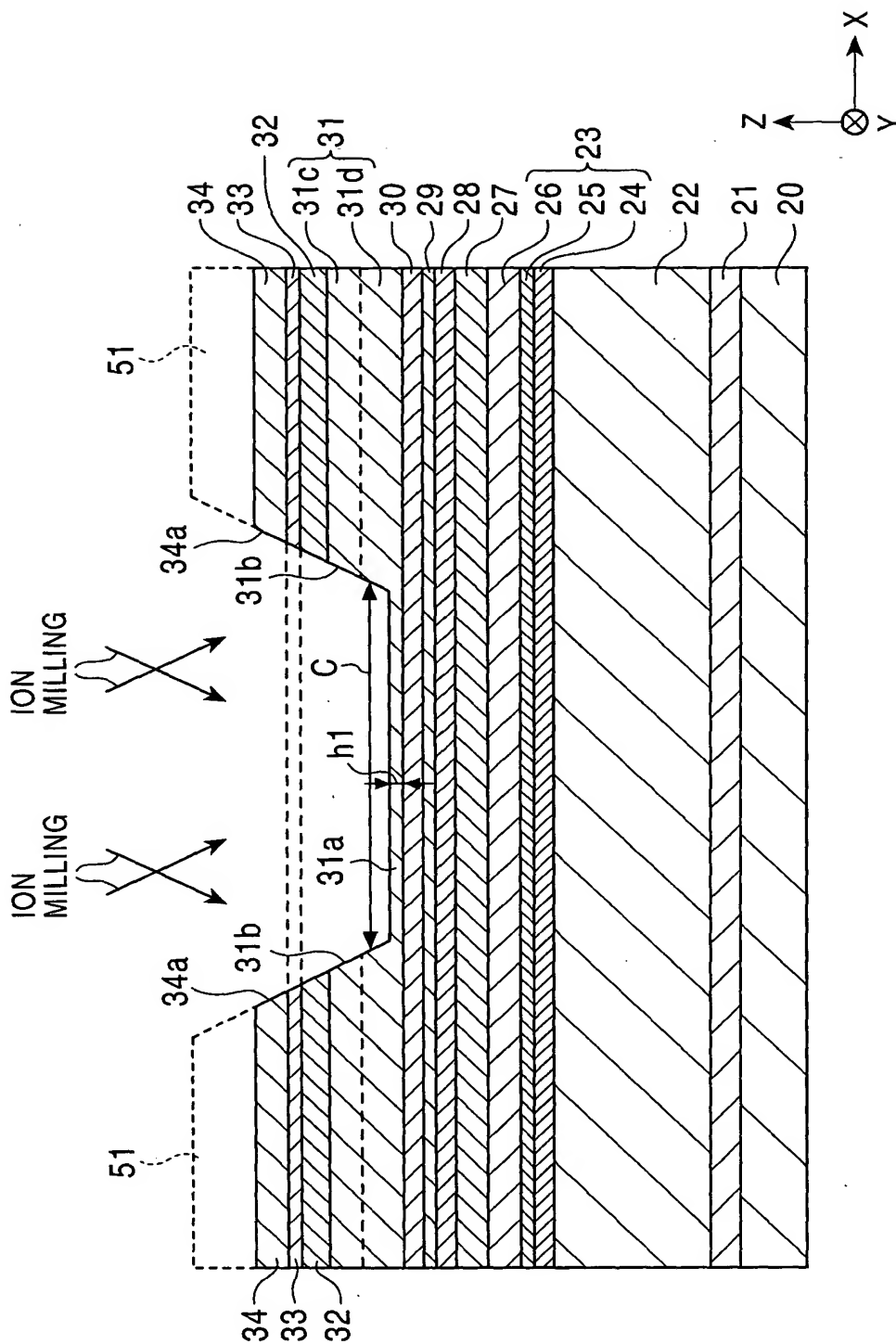


FIG. 10

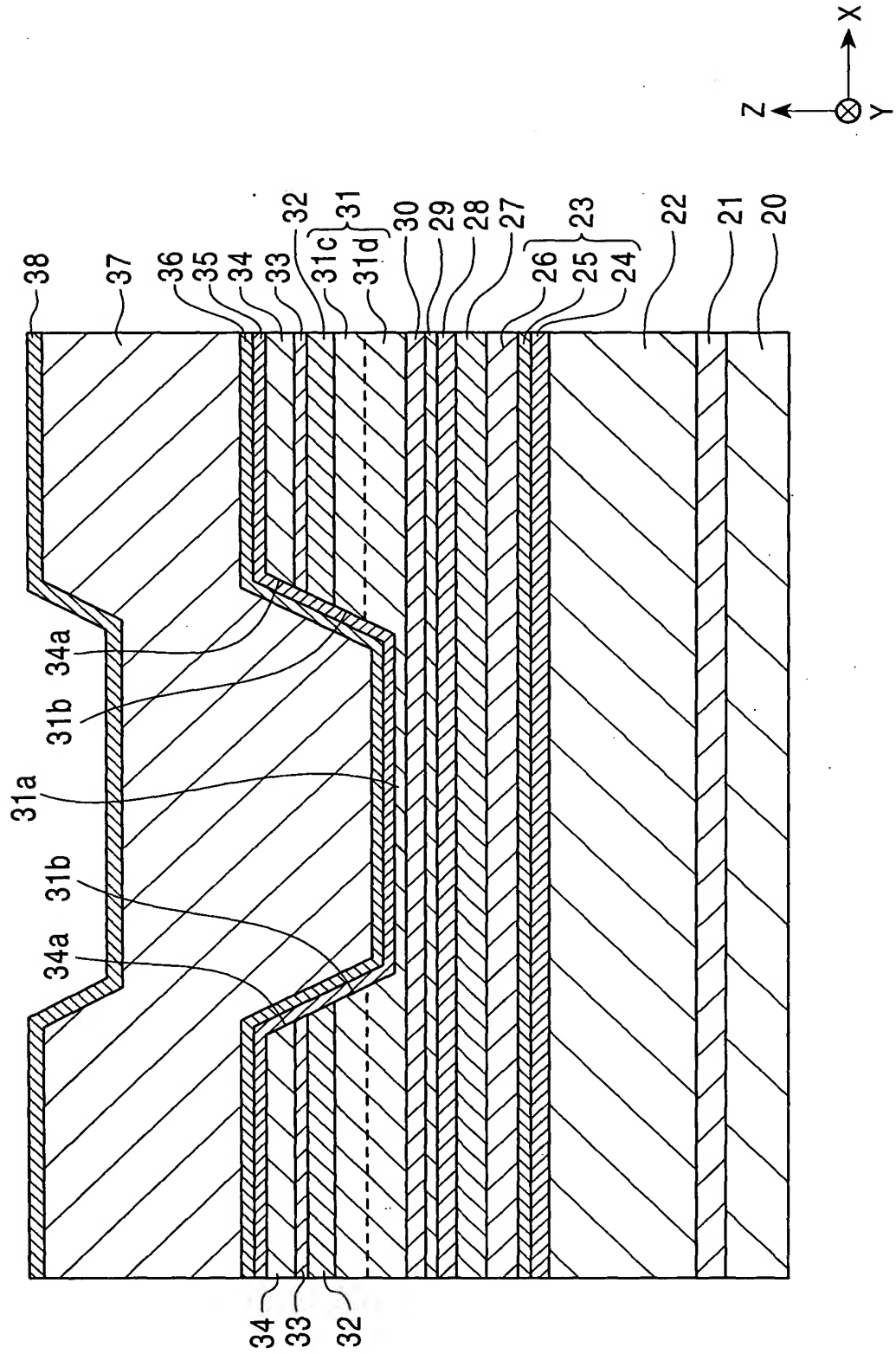


FIG. 11

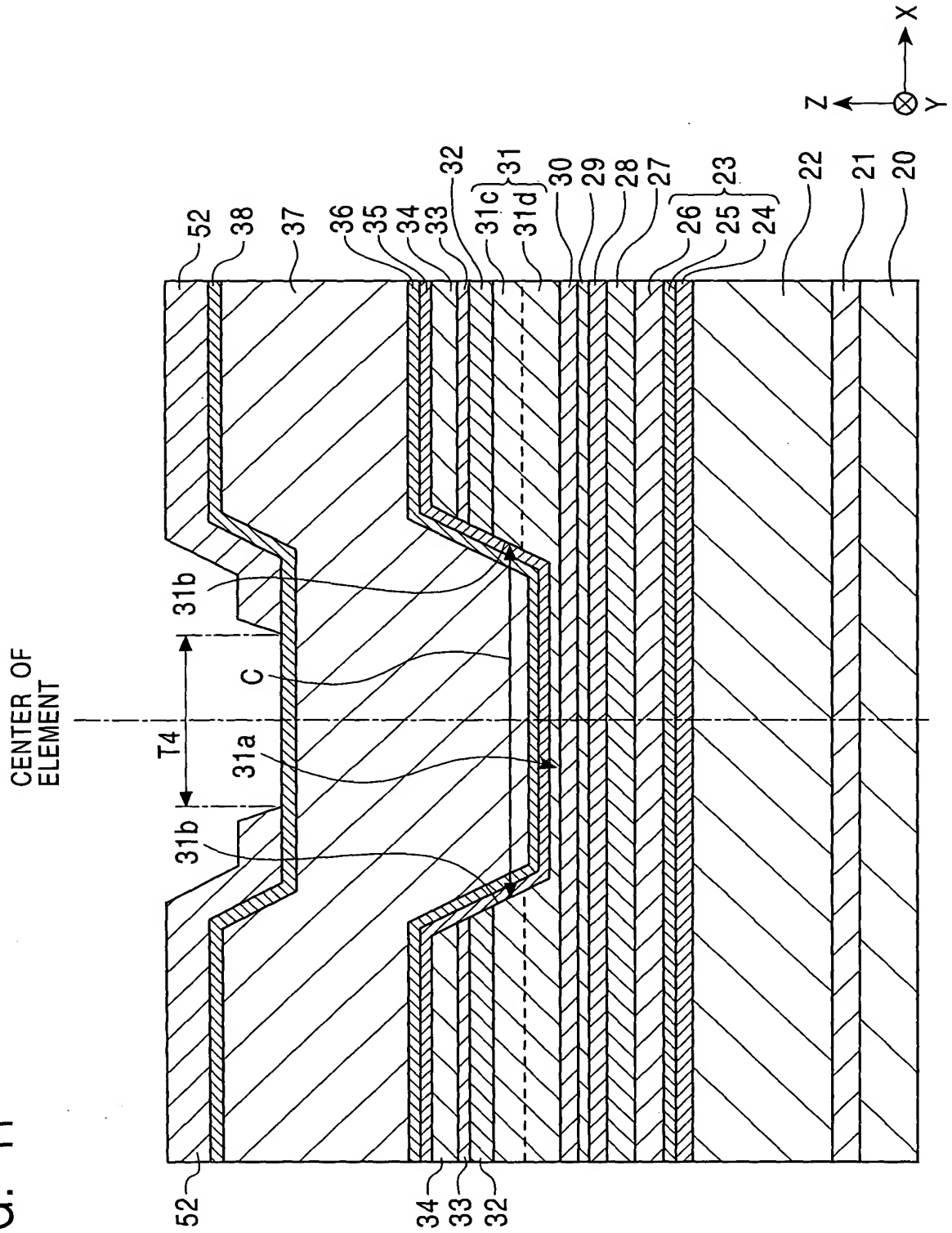


FIG. 12

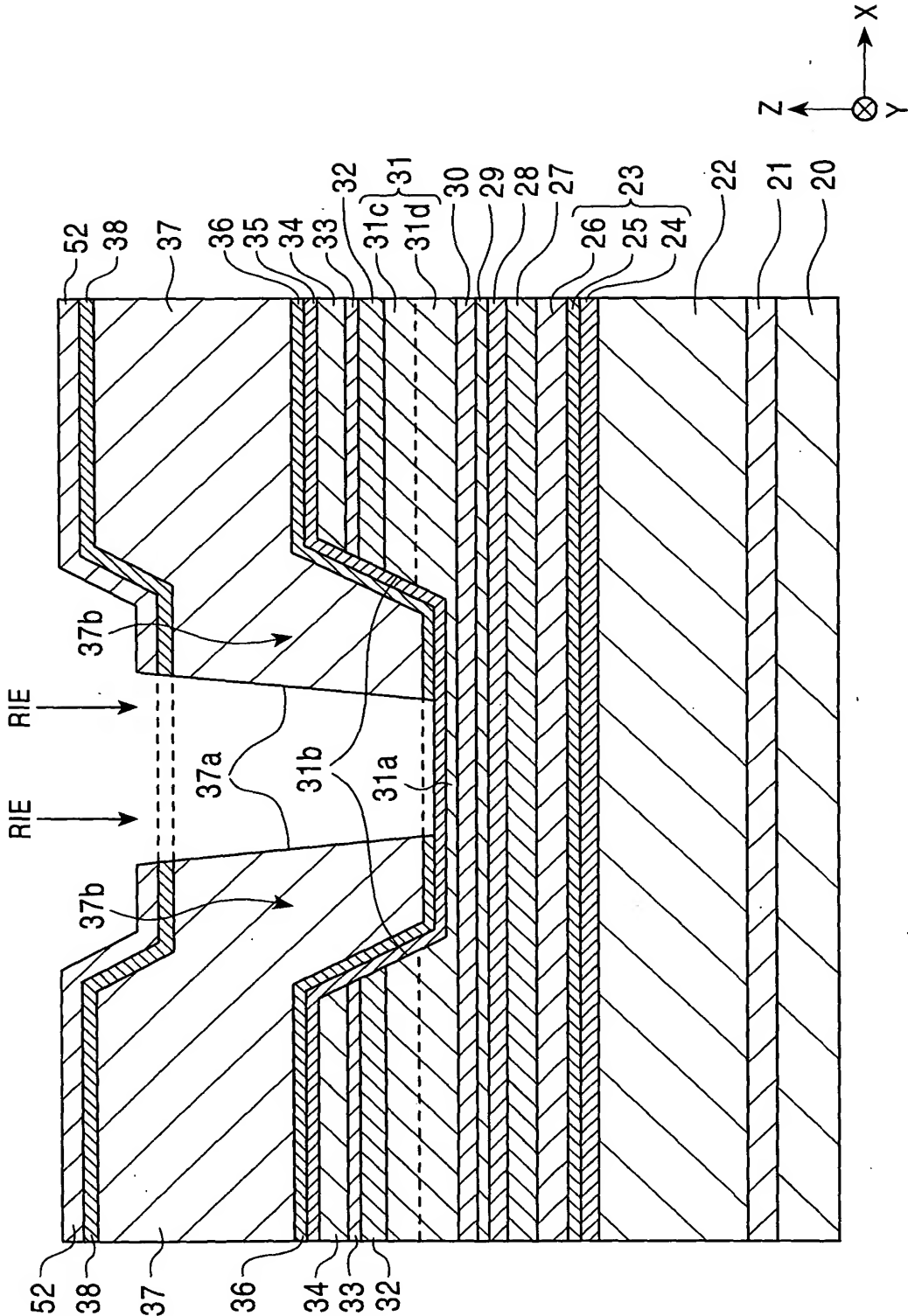


FIG. 13

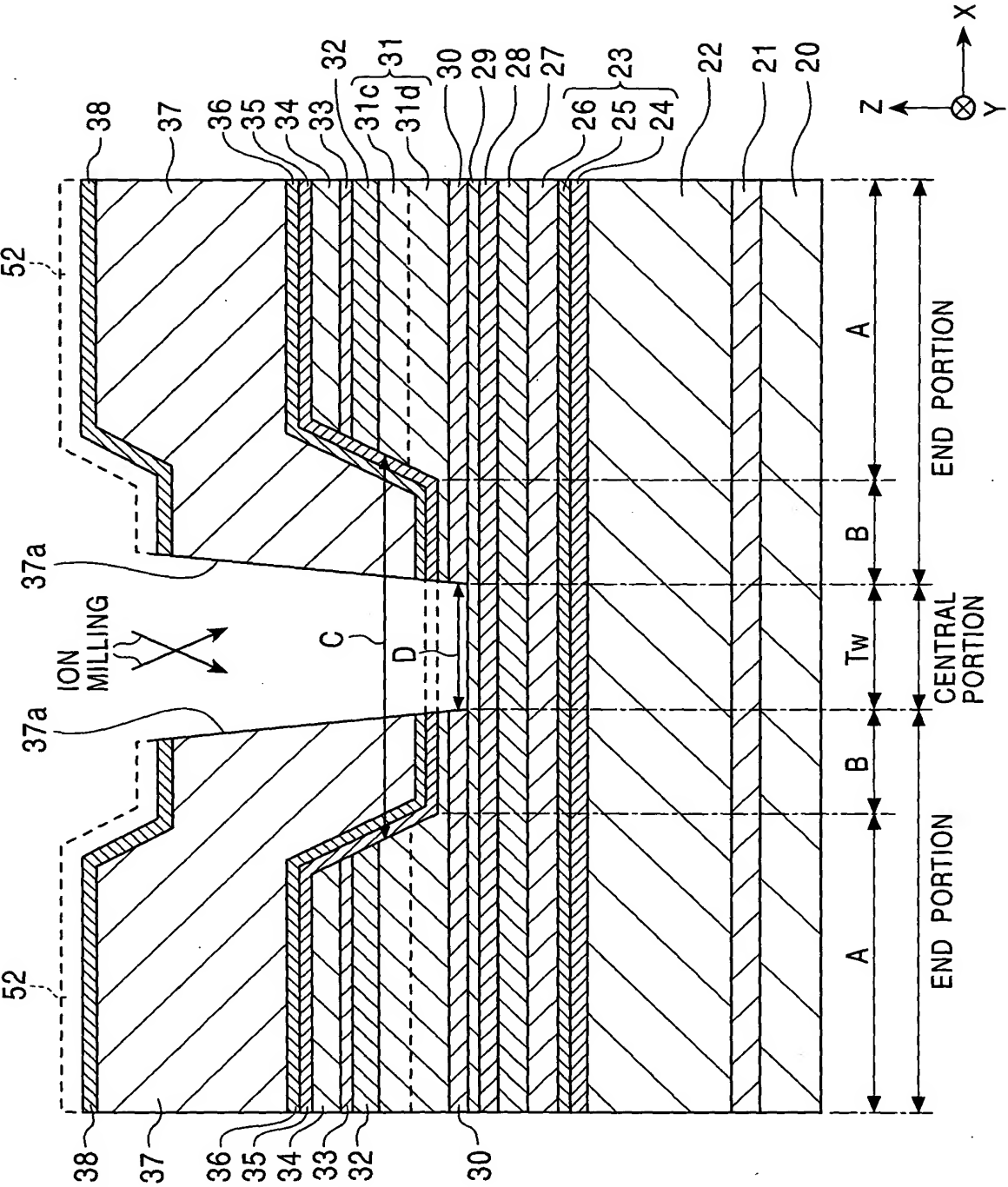


FIG. 14

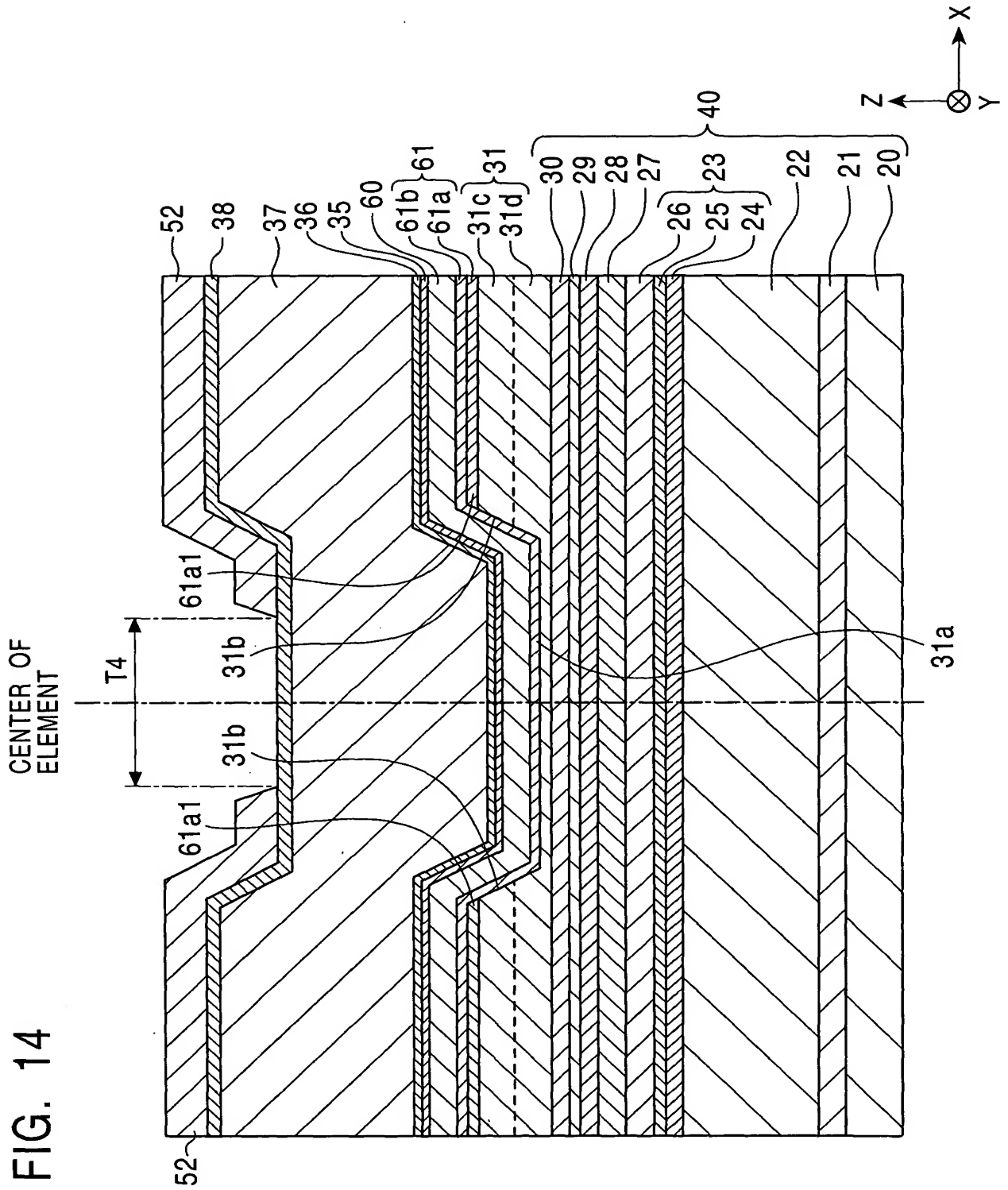


FIG. 15

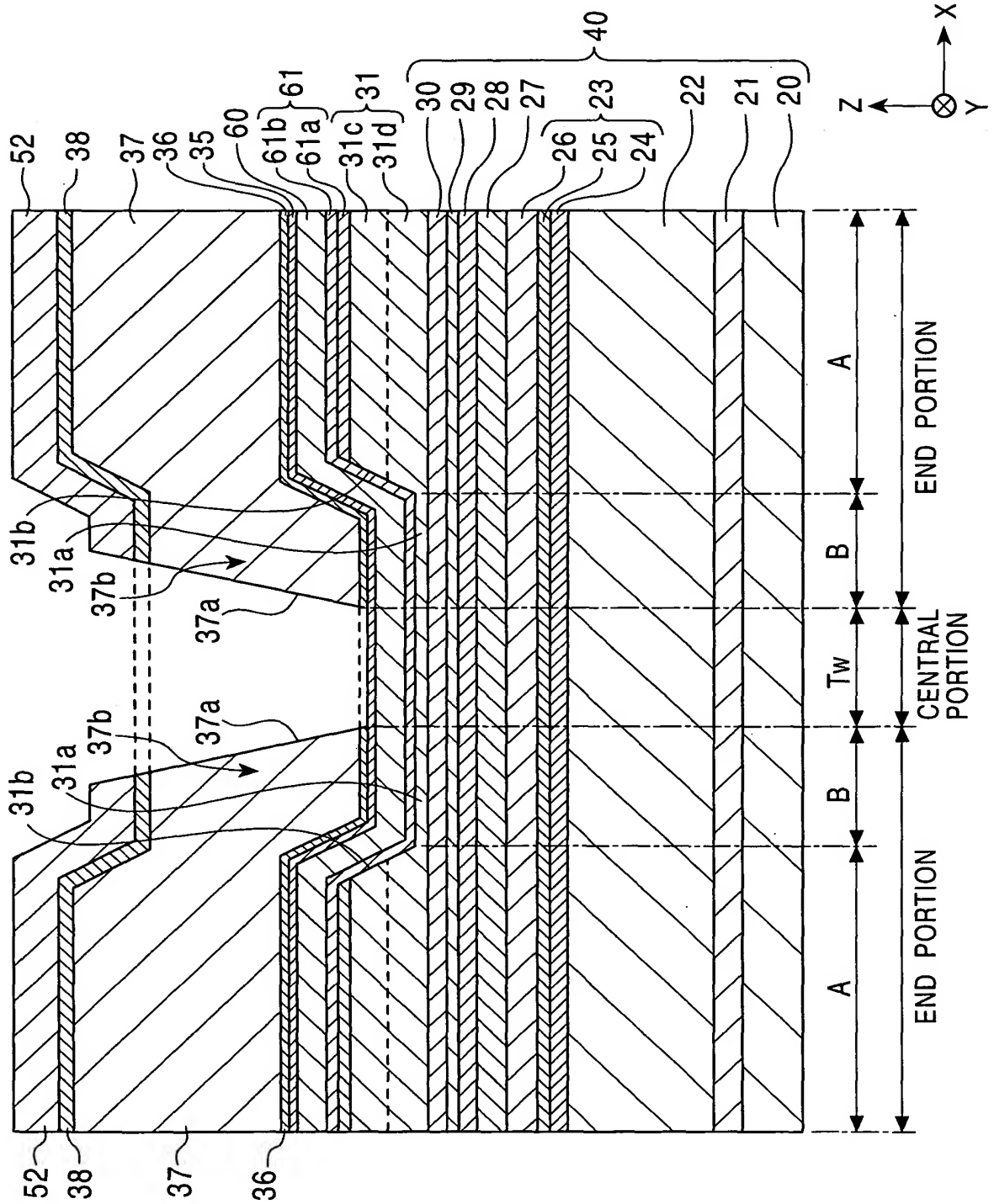
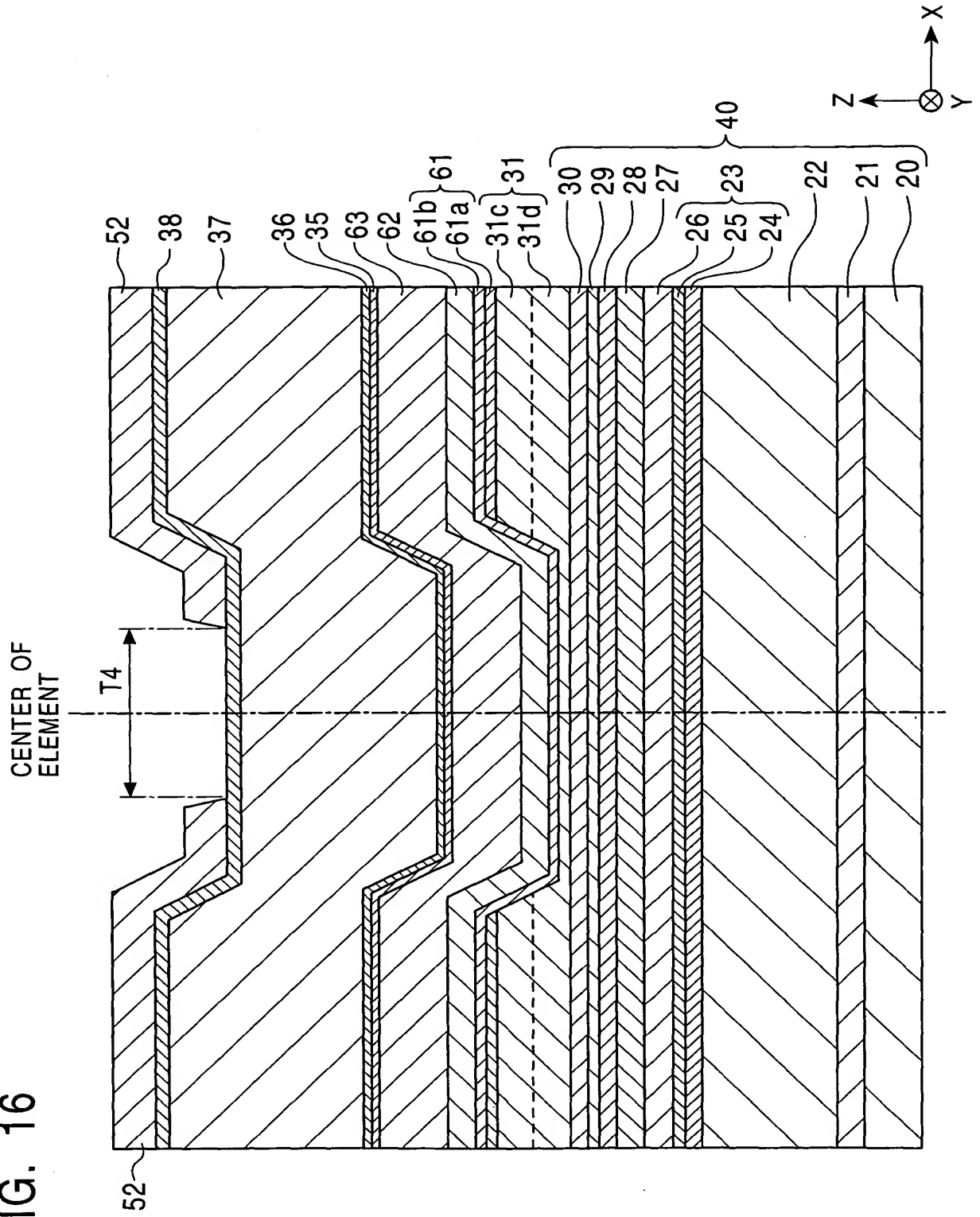


FIG. 16



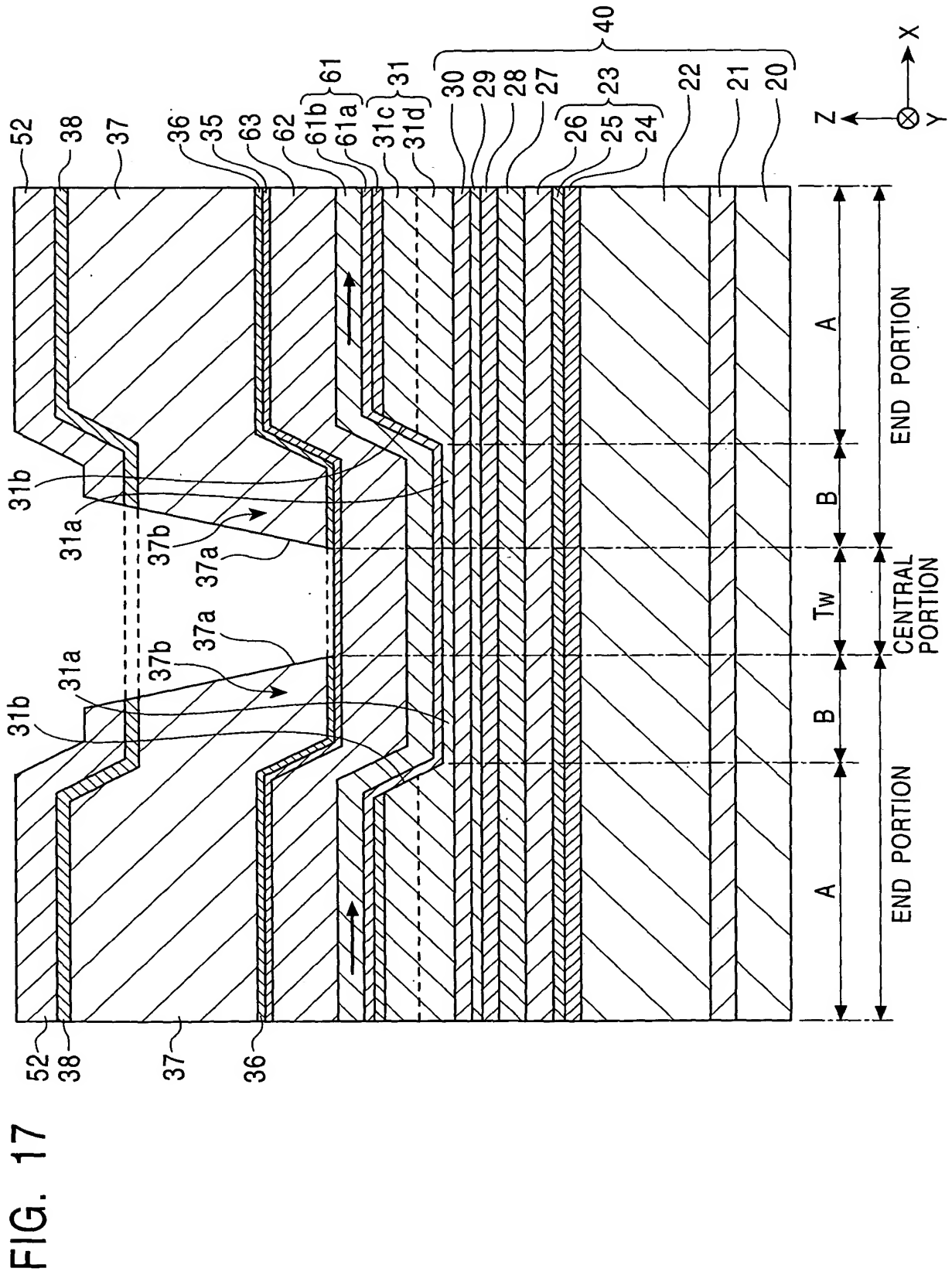


FIG. 18

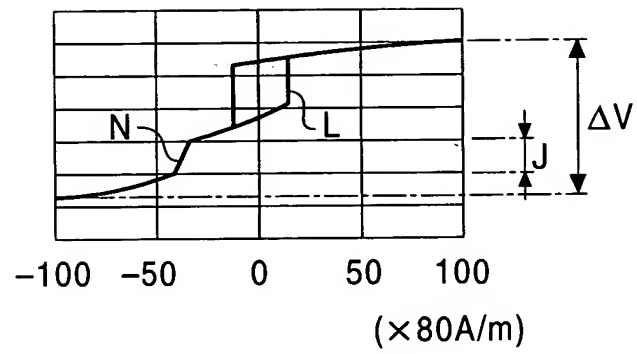


FIG. 19

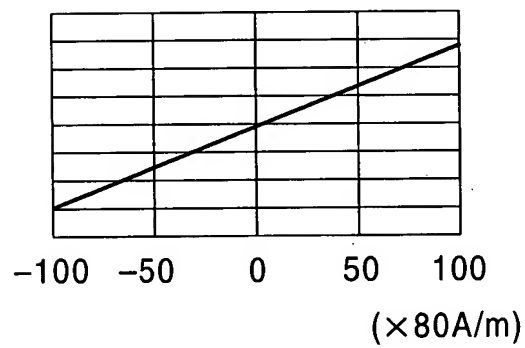


FIG. 20

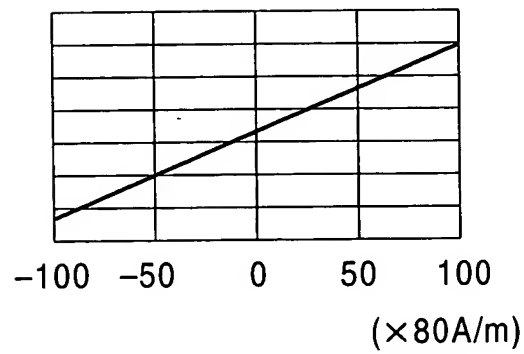


FIG. 21

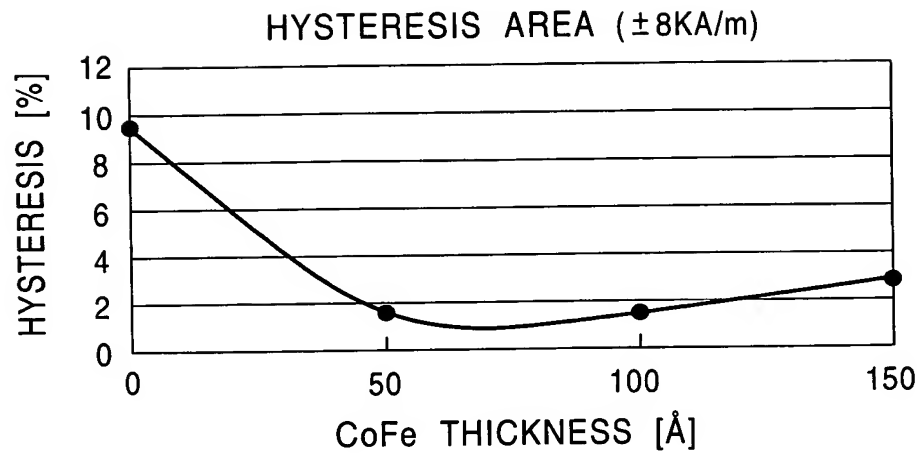


FIG. 22

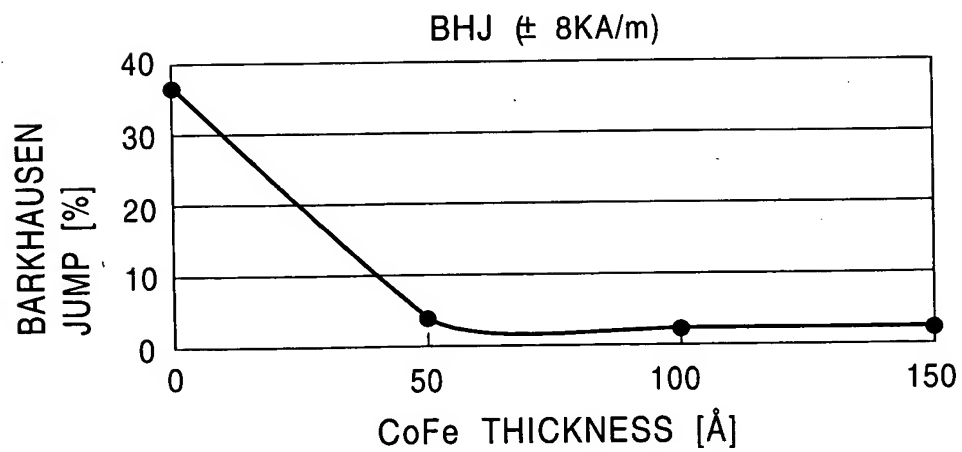


FIG. 23

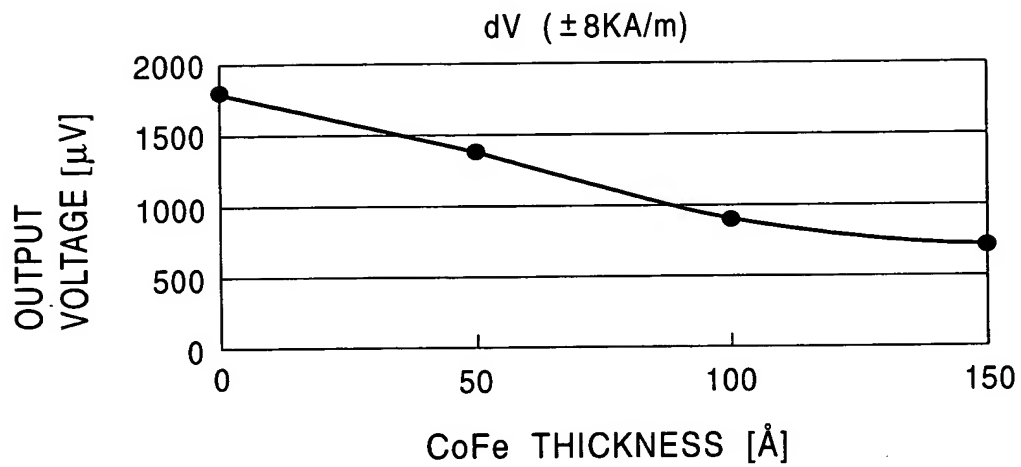


FIG. 24

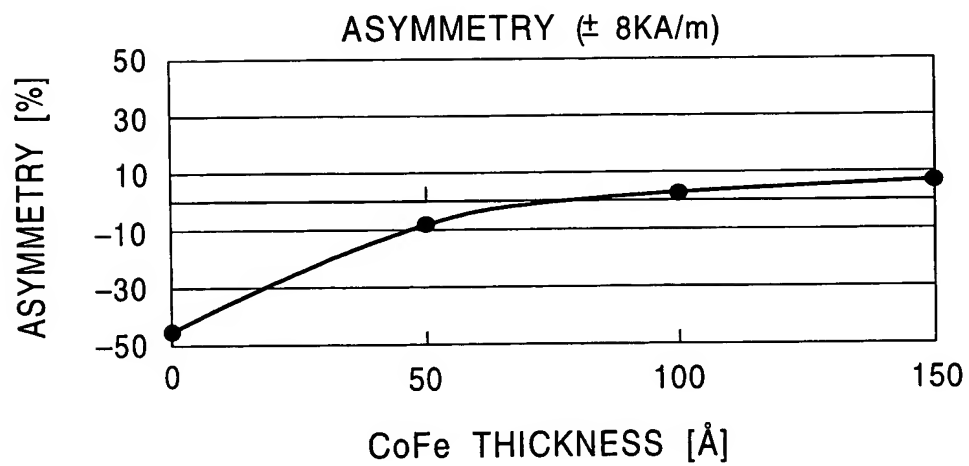


FIG. 25

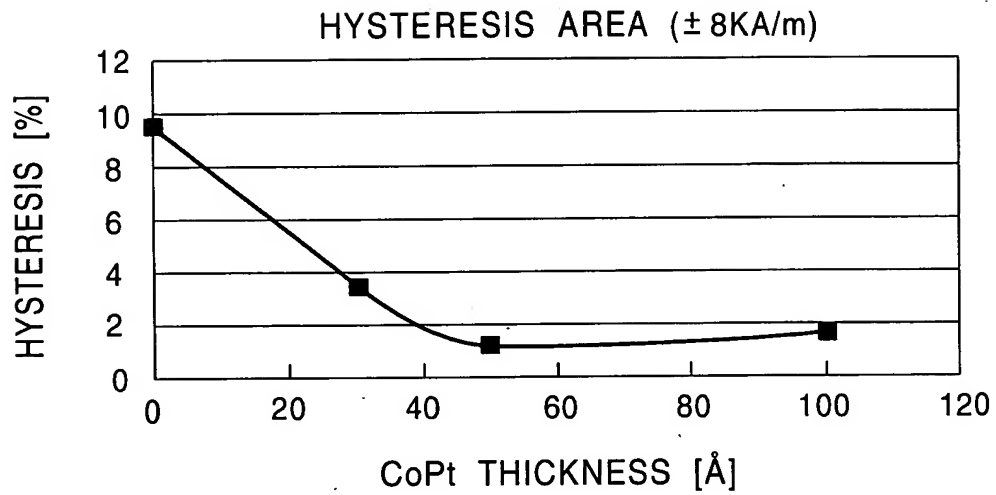


FIG. 26

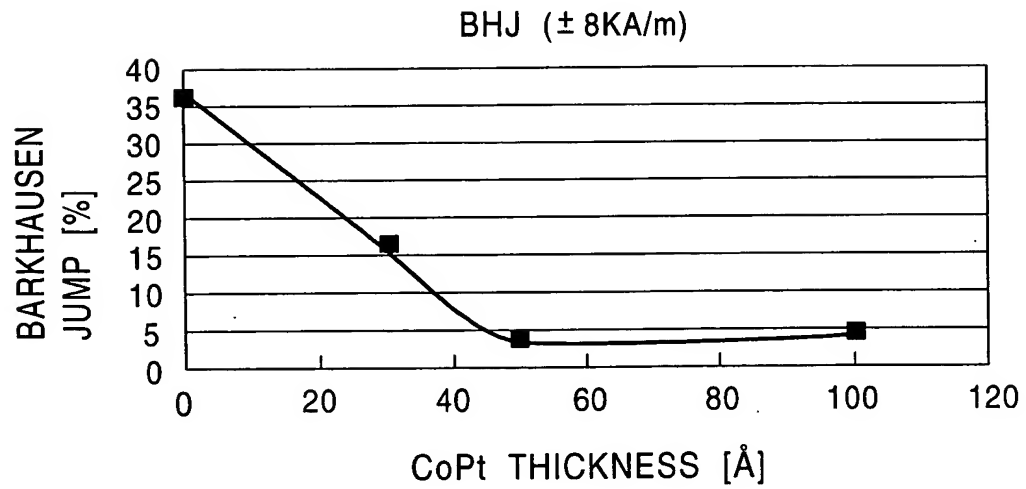


FIG. 27

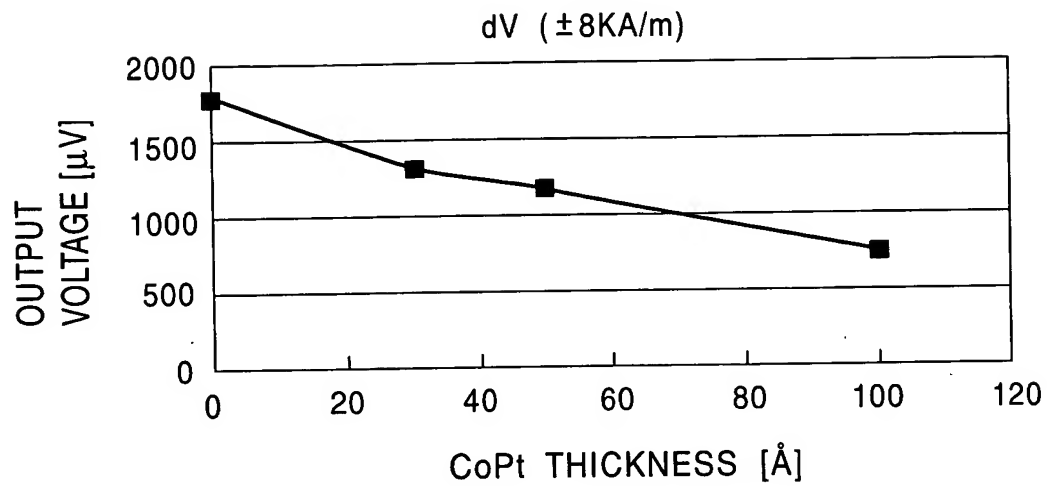


FIG. 28

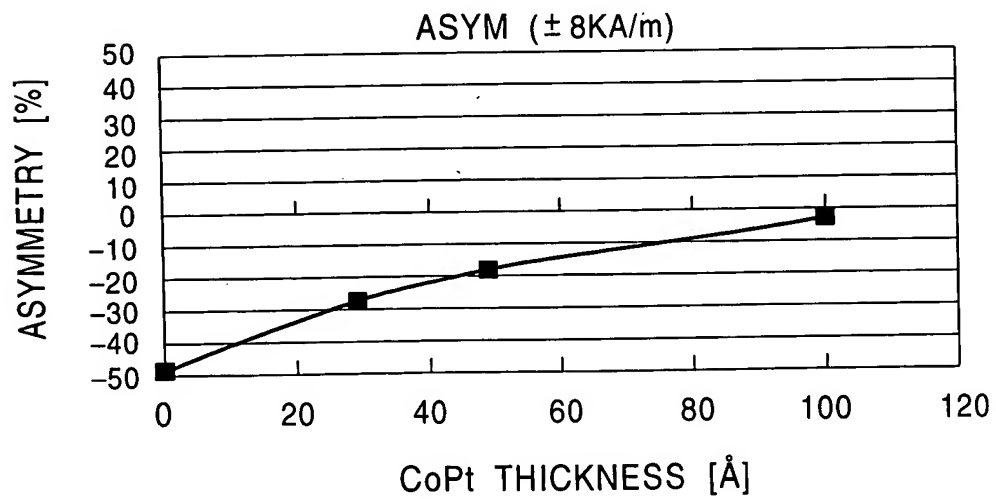


FIG. 29
PRIOR ART

